Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 02 Jan 2022 until 23:59 on Monday 03 Jan 2022

Forecast Issued on Sunday 02 Jan 2022 at 02:49

Confidence: High confidence for a week of contrasts and windy weather, turning cold with a risk of wintery showers from Monday but mild again for a time on Thursday. Less confidence around timings of showers and fronts from Monday.

Headline for Sunday 02 Jan 2022: Strong southwesterly winds becoming gales later, generally dry morning, showery afternoon.

Mountain weather hazards on Sunday 02 Jan 2022

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Sunny intervals	Light rain showers	Heavy rain showers	Light rain showers (night)	Partly cloudy (night)
Precipitation probability					
60%	20%	40%	60%	40%	20%

Forecast for Sunday 02 Jan 2022

Weather: Outbreaks of heavy rain will pass through the Peak District around dawn, these will clear fairly quickly however and any lingering rain will die out by mid-morning and although it will be cloudy at first some dry and bright weather can be expected. The risk of showers will increase as the day goes on and a few heavy showers expected in the afternoon, these will be blustery in the very strong southwesterly winds but should move through quite quickly.

Chance of cloud free mountain/hill tops above 600m: 50% improving to 80%, scattered low cloud associated with early rain will clear a little in the morning but patchy low cloud will form around afternoon showers.

Visibility: At the start to the day visibility in rain may be poor, more so around western areas, it will become good during the morning with some good views available. In the afternoon visibility will dip to moderate or poor in any heavy showers passing through. Cloud will lift above the summits in the morning with patches remaining around 500m, during the afternoon showers cloud will occasionally shroud the summits for a time, falling to 500m temporarily.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Sunday 02 Jan 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/31 W	26/36 SW	26/36 SW	25/35 SW	30/41 SW	31/43 SW	31/44 SW
300	20/28 W	19/29 SW	19/29 SW	19/29 SW	22/33 SW	22/35 SW	23/36 SW
Valley	13/27 W	10/25 SW	12/27 SW	12/28 SW	14/30 SW	14/32 SW	16/34 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	5/-1	6/-0	5/-1	5/-1	5/-2	4/-2
300	7/2	7/2	8/4	7/3	7/2	7/2	7/2
Valley	7/4	7/4	8/5	8/5	7/4	7/4	7/3
Freezing Level*	1200m	1300m	1400m	1300m	1400m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A very blustery day and feeling cooler than the last few days over New Year. Winds will be strongest in the afternoon with gale force gusts possible on higher summits, the strongest gusts will likely accompany heavy showers. A significant wind chill is likely on the tops during the afternoon despite the generally mild temperatures.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 02 Jan 2022	0mm	1.8mm	2mm

Forecast for Monday 03 Jan 2022

Weather: A windy day with a few showers passing through, these will be quite short lived. Showers or outbreaks of rain may be more frequent into the evening. This will mark the change to colder conditions overnight.

Maximum wind: Southwesterly 25-30mph with gusts 35-45mph becoming Northwesterly 15-20mph later.

Chance of cloud free mountain/hill tops above 600m: 80%.

Visibility: Good visibility in general but will deteriorate during in any showers, becoming moderate or even poor at times. Patchy cloud possible down to 600m at times.

Temperature: **Valleys:** Plus 8 Celsius falling to 3 Celsius.
At 600m: Plus 5 Celsius falling to 2 Celsius later.
Freezing level: 1200m falling to 1000m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.